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Dated: September 13, 2006 Signature: 
(Rebecca Butler Guinan)

Docket No.: 68349-00025USPX
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Jaume Anguera Pros et al.

Application No.: 10/584442

Confirmation No.: N/A

Filed: July 18, 2006

Art Unit: N/A

For: MULTI-BAND MONOPOLE ANTENNAS
FOR MOBILE COMMUNICATIONS
DEVICES

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application in accordance with 37 CFR 1.98(a)(2). Applicant submits herewith copies of any cited non-patent documents and foreign patent documents in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing

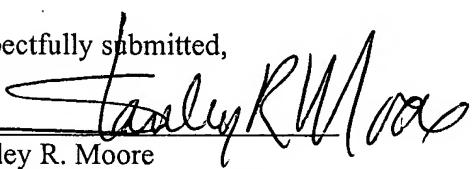
of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 10-0447, under Order No. 68349-00025USPX. A duplicate copy of this paper is enclosed.

Dated: September 12, 2006

Respectfully submitted,

By 
Stanley R. Moore

Registration No.: 26,958
JENKENS & GILCHRIST, A PROFESSIONAL
CORPORATION
1445 Ross Avenue, Suite 3700
Dallas, Texas 75202
(214) 855-4500
Attorneys For Applicant



Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	2	Attorney Docket Number	68349-00025USPX
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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code ² (if known)		
A1*	US-6,166,694		12-26-2000	Ying et al.
A2*	US-6,111,545		08-29-2000	Saari et al.
A3*	US-6,112,102		08-29-2000	Zhinong et al.
A4*	US-6,329,962-A1		12-11-2001	Ying et al.
A5*	US-20010002823-A1		06-07-2001	YING
A6*	US-20020080088-A1		06-27-2002	Boyle
A7*	US-20020175866-A1		11-28-2002	Gram
A8*	US-6,104,349		08-15-2000	Cohen
A9*	US-6,307,511		10-23-2001	Ying et al.
A10*	US-20020000940-A1		01-03-2002	MOREN et al.
A11*	US-6,337,663		01-08-2002	Chi-Ming et al.
A12*	US-6,664,930-A1		12-16-2003	Wen et al.
A13*	US-5,870,066		02-09-1999	Asakura et al.
A14*	US-5,963,871		10-05-1999	Zhinong et al.
A15*	US-20020190904-A1		12-19-2002	Cohen
A16*	US-20040027295-A1		02-12-2004	Huber et al.
A17*	US-20040095289-A1		05-20-2004	Bae et al.
A18*	US-6,445,352		09-03-2002	Cohen
A19*	US-20020044090-A1		04-18-2002	Bahr et al.
A20	US-6,130,651		10-10-2000	Yanagisawa et al.
A21	US-6,459,413-A1		10-01-2002	Tseng et al.
A22	US-6,864,854-A1		03-08-2005	Dai et al.
A23	US-5,929,825		07-27-1999	Niu et al.
A24	US-6,140,975		10-31-2000	Cohen
A25	US-2006/0033668		02-16-2006	Ryu
A26	US-2006/0170610		08-03-2006	Rabinovich et al.
A27	US-2005/0237244		10-27-2005	Annabi et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
B1	GB-2 361 584		10-24-2001	Motorola Limited	
B2	WO-00/77884		12-21-2000	Harada Industries (Europe) Limited	
B3	WO-2004/0025778		03-25-2004	Fractus S.A.	
B4	EP-0 986 130		03-15-2000	Siemens AG	✓
B5	EP-1 237 224		09-04-2002	Siemens AG	✓
B6	EP-1 198 027		04-17-2002	The Furukawa Electric Co., Ltd.	
B7	WO-01/48861		07-05-2001	Allgon AB	
B8	WO-02/35646		05-02-2002	Fractus-Ficosa International, UTE	
B9	WO-99/56345		11-04-1999	Intenna Technology AB	
B10	WO-96/38881		12-05-1996	Ericsson Inc.	
B11	WO-01/26182		04-12-2001	Smarteq Wireless AB	
B12	WO-01/54225		07-26-2001	Fractus SA	

Examiner Signature	Date Considered
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Substitute for form 1449/PTO				Complete If Known	
				Application Number	10/584442
				Filing Date	July 18, 2006
				First Named Inventor	Jaume Anguera Pros
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	68349-00025USPX

*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	C1	C. Puente et al., "Small But Long Koch Fractal Monopole", Electronics Letters, January 8, 1998, vol. 34, no. 1, pages 9-10		<input type="checkbox"/> ²
	C2	Carles Puente Bialiarda et al., "The Koch Monopole: A Small Fractal Antenna", IEEE Transactions on Antennas and Propagation, vol. 48, no. 11, November 2000, pages 1773-1781		<input type="checkbox"/>
	C3	Nathan Cohen, "Fractal Antenna Applications in Wireless Telecommunications", IEEE, 1997, pages 43-49		<input type="checkbox"/>
	C4	C. Puente et al., "Multiband Properties of a Fractal Tree Antenna Generated by Electrochemical Deposition", Electronics Letters, December 5, 1996, vol. 32, no. 25, pages 2298-2299		<input type="checkbox"/>

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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

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